FIG. **12** is a cross-sectional view illustrating another exemplary embodiment of a display device in accordance with still another embodiment of the present invention, and FIG. **13** is an enlarged plan view illustrating a portion of the exemplary embodiment of a display device of FIG. **12**. The exemplary embodiment of a display device of FIGS. **12** and **13** is substantially the same as the exemplary embodiment of a display device of FIG. **11** except supporting spacers **340**. Thus, the same reference numerals will be used to refer to the same or like parts as those described in FIG. **11** and any further repetitive explanation concerning the above elements will be omitted.

Referring to FIGS. **12** and **13**, a density of the supporting spacers **340** increases with proximity to a center of the touch screen panel.

In the present exemplary embodiment, each of pixel electrodes **112** substantially adjacent to the center of the touch screen panel corresponds to two supporting spacers **341** and **342**. In FIGS. **12** and **13**, a first supporting spacer **341** corresponds to a TFT formation location, and a second supporting spacer **342** corresponds to a region between adjacent pixel electrodes **112**. For example, the second supporting spacer **342** is in a region in which a gate line **111** crosses a first sensing line **161**. Alternative exemplary embodiments include configurations wherein more than three supporting spacers may be formed on each pixel.

Each of the pixel electrodes **112** substantially adjacent to the periphery of the touch screen panel corresponds to a third supporting spacer **343** of the supporting spacers **340**.

According to the present exemplary embodiment, the density of the supporting spacers **340** is adjusted so that the lower substrate **100** has substantially a same bending amount as the upper substrate **120**. Also, a density of the supporting spacers **341** and **342** substantially adjacent to the center of the touch screen panel is greater than that of FIG. **11**, so that the uniformity of the touching sensitivity of the touch screen panel is increased when the amount of the externally provided pressure is increased.

FIG. **14** is a cross-sectional view illustrating another exemplary embodiment of a display device in accordance with the present invention. The exemplary embodiment of a display device of FIG. **14** is substantially the same as the exemplary embodiment of a display device of FIG. **11** except supporting spacers **440**. Thus, the same reference numerals will be used to refer to the same or like parts as those described in FIG. **11** and any further repetitive explanation concerning the above elements will be omitted.

Referring to FIG. **14**, the size of the supporting spacers **440** is increased with proximity to a center of the touch screen panel. For example, a width w**3** of the supporting spacers **441** substantially adjacent to the center of the touch screen panel is greater than a width w**4** of the supporting spacers **442** substantially adjacent to the periphery of the touch screen panel, so that the mechanical strength of a central portion of the touch screen panel is greater than that of a peripheral portion of the touch screen panel. In one exemplary embodiment, the supporting spacers **440** may be formed through a photo process or a photolithography process.

Therefore, the upper substrate **120** has a same bending amount as the lower substrate **100**, so that the distance between the upper and lower substrates **120** and **100** may be substantially constant.

According to the present exemplary embodiment, the size of the supporting spacers **440** is adjusted so that the lower substrate **100** has substantially the same bending amount as the upper substrate **120**. Therefore, the uniformity of the touching sensitivity of the touch screen panel is increased.

According to an exemplary embodiment of an upper substrate, an exemplary embodiment of a method of manufacturing the upper substrate and an exemplary embodiment of a display device having the upper substrate of the present invention, height of conductive spacers may be adjusted to compensate for differences between the bending amounts of the upper and lower substrates. Thus, uniformity of touching sensitivity of the touch screen panel is improved, and malfunction of sensors that sense externally provided pressure is decreased.

In addition, in another exemplary embodiment, density of the supporting spacers may be adjusted so that the lower substrate has substantially the same bending amount as the upper substrate. Furthermore, in such an exemplary embodiment, two supporting spacers may be disposed on each pixel substantially adjacent to a center of the touch screen panel, so that the uniformity of the touching sensitivity is improved although an amount of the externally provided pressure is increased.

Furthermore, in another exemplary embodiment, the size of the supporting spacers may be adjusted, so that the lower substrate has substantially the same bending amount as the upper substrate.

Alternatively, any combination of the above exemplary embodiments may be combined into a single apparatus.

Therefore, the uniformity of the touching sensitivity of the touch screen panel is increased, and the malfunction of the sensors is decreased.

This invention has been described with reference to the exemplary embodiments. It is evident, however, that many alternative modifications and variations will be apparent to those having skill in the art in light of the foregoing description. Accordingly, the present invention embraces all such alternative modifications and variations as fall within the spirit and scope of the appended claims.

What is claimed is:

1. An upper substrate for a touch screen panel, the upper substrate comprising:

an upper base substrate;

a plurality of conductive spacers disposed on the upper base substrate, a height of the conductive spacers substantially adjacent to a center of the upper base substrate being smaller than a height of the conductive spacers substantially adjacent to a periphery of the upper base substrate;

a common electrode disposed on the upper base substrate; and

a plurality of supporting spacers disposed between the conductive spacers on the common electrode, the supporting spacers having a height greater than the height of the conductive spacers.

2. The upper substrate of claim **1**, wherein a width of the conductive spacers substantially adjacent to the periphery of the upper base substrate is greater than a width of the conductive spacers substantially adjacent to the center of the upper base substrate.

3. The upper substrate of claim **2**, wherein the width and the height of the conductive spacers substantially adjacent to the periphery are about 15 μm and about 4.5 μm, respectively, and the width and the height of the conductive spacers substantially adjacent to the center are about 12 μm and about 4.4 μm, respectively.

4. The upper substrate of claim **3**, wherein the height of the supporting spacers is about 4.6 μm.